

**Edmore Public School**  
**706 Main St, Edmore, ND 58330**

**Earth Science Lesson Plan**

**Dates:**

February 19 - 23, 2024

**Time and Period:**

9:35 - 10:27 AM, Second Period

**Performance Standard:**

**MS-ESS3-3**

Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment

**MS-ESS2-2**

Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying times and spatial scales.

**MS-ESS3-2**

Analyze and interpret data on natural hazards to forecast future catastrophic events that necessitate the development of technologies to mitigate their effects.

**Monday, February 19**

<b>Topic</b>	Explaining Human Impact on Natural Resource Distribution, pp. 104 - 107
<b>Objectives</b>	Analyze human activities and their impacts on the distribution of resources.
<b>Bell Ringer</b>	Define <i>soil erosion</i>
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Explaining Human Impact on Natural Resource Distribution, pp. 104 - 107

**Tuesday, February 20**

<b>Topic</b>	Human Impact on Freshwater Distribution, pp. 108 - 110
<b>Objectives</b>	Explain how man-made structures help redistribute freshwater resources.
<b>Bell Ringer</b>	Define <i>aquifers</i>
<b>Procedure / Instructional Delivery</b>	Guided Practice, Interactive Discussion, Hands - on / Laboratory Activity

<b>Assessment</b>	Modelling Discharge and Withdrawal in Aquifers Completion of Laboratory Activity
-------------------	---

<b>Wednesday, February 21</b>	
-------------------------------	--

<b>Topic</b>	Analyzing Human Population Data, pp. 128 - 132
<b>Objectives</b>	Use evidence to examine how birth rates and death rates affect a population.
<b>Bell Ringer</b>	What are two factors that increase human population growth over time?
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Analyzing Human Population Data, pp. 128 - 132

<b>Thursday, February 22</b>	
------------------------------	--

<b>Topic</b>	Investigating Rates of Resource Use, pp. 135 and 136 Review Quiz
<b>Objectives</b>	Model the relationship between population size and resource use.
<b>Bell Ringer</b>	Define <i>population density</i>
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Investigating Rates of Resource Use, pp. 135 and 136

<b>Friday, February 23</b>	
----------------------------	--

<b>Topic</b>	Analyzing Per Capita Consumption, pp. 137 - 140
<b>Objectives</b>	Examine how many humans depend on Earth for many different resources.
<b>Bell Ringer</b>	Define Per Capita Consumption
<b>Procedure / Instructional Delivery</b>	Interactive Discussion, Simulation, Guided Practice, Hands-on / Lab Activity
<b>Assessment</b>	Analyzing Per Capita Consumption, pp. 137 - 140